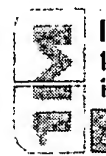




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*Malladi, S.R.; Valavanis, K.P.; Mulder, M.C.;*

Decision and Control, 1992., Proceedings of the 31st IEEE Conference on , 16 Dec. 1992

Pages:1399 - 1405 vol.2

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## 2 Computer simulation of compliant motion control for a robotic arm

*Munday, E.G.;*

System Theory, 1989. Proceedings., Twenty-First Southeastern Symposium on , 26-28 March 1989

Pages:98 - 103

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) **IEEE CNF**

### 3 A sensor driven intelligent control model for a cooperating multijoint robotic arm

*Mulder, M.C.; Malladi, S.R.; Myneni, S.R.; Shaw, J.;*

Robotics and Automation, 1991. Proceedings., 1991 IEEE International Conference on , 9-11 April 1991

Pages:499 - 507 vol.1

[\[Abstract\]](#)   [\[PDF Full-Text \(776 KB\)\]](#)   **IEEE CNF**

#### 4 Nonlinear tracking control of kinematically redundant robot manipulators

Zergeroglu, E.; Dawson, D.D.; Walker, I.W.; Setlur, P.;

Mechatronics, IEEE/ASME Transactions on , Volume: 9 , Issue: 1 , March 200

Pages:129 - 132

[\[Abstract\]](#) [\[PDF Full-Text \(168 KB\)\]](#) IEEE JNL

**5 Three-link planar robotic arm trajectory planning and its adaptive fuzzy logic control**

*McLauchlan, R.A.; Ngamsom, P.; Chaloo, R.; Omar, S.I.;*  
Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation', 1997 IEEE International Conference on , Volume: 5 , 12-15 Oct.

Pages:4503 - 4512 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(972 KB\)\]](#) IEEE CNF

**6 Visual servoing for a user's mouth with effective intention reading in a wheelchair-based robotic arm**

*Won-Kyung Song; Dae-Jin Kim; Jong-Sung Kim; Zeungnam Bien;*  
Robotics and Automation, 2001. Proceedings 2001 ICRA. IEEE International Conference on , Volume: 4 , 2001

Pages:3662 - 3667 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(608 KB\)\]](#) IEEE CNF

**7 Sliding mode end point trajectory control of a two link elastic manipulator**

*Madhavan, S.K.; Singh, S.N.;*  
Decision and Control, 1992., Proceedings of the 31st IEEE Conference on , 16 Dec. 1992

Pages:305 - 310 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(507 KB\)\]](#) IEEE CNF

**8 Behavior of a minimum-effort control algorithm for a multi-jointed robotic arm**

*Malladi, S.R.; Mulder, M.C.; Valavanis, K.P.; Zhang, Y.;*  
Intelligent Control, 1992., Proceedings of the 1992 IEEE International Symposium on , 11-13 Aug. 1992

Pages:34 - 41

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) IEEE CNF

**9 A minimum effort control algorithm for a cooperating sensor driven intelligent multi-jointed robotic arm**

*Mulder, M.C.; Malladi, S.R.;*  
Decision and Control, 1991., Proceedings of the 30th IEEE Conference on , 11 Dec. 1991

Pages:1573 - 1578 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) IEEE CNF

**10 Use of computer graphics and simulation to study robotic and automation systems**

*Mostafavi, T.; Patten, J.;*

System Theory, 1988., Proceedings of the Twentieth Southeastern Symposium,  
on , 20-22 March 1988  
Pages:448 - 453

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